

CLAIMS:

1. A transcoder (100) comprising:
means (101) for receiving input data representing an encoded signal and
comprising first parametric extension data;
means (109) for determining second parametric extension data from the first
parametric extension data; and
5 means (107) for generating transcoded data including the second parametric
extension data.
2. A transcoder as claimed in claim 1 wherein the input data further comprises
10 first encoding data associated with the encoded signal and the transcoder further comprises
means (103, 105) for transcoding the first encoding data to generate second
encoding data;
and the means for generating (107) is operable to generate the transcoded data by combining
the second encoding data and the second parametric extension data.
- 15 3. A transcoder as claimed in claim 1 wherein the means for determining (109) is
operable to determine at least some of the second parametric data by copying at least some
data values of the first parametric extension data.
- 20 4. A transcoder as claimed in claim 1 wherein the means for determining (109)
comprises means for quantizing data values of the second parametric extension data.
5. A transcoder as claimed in claim 1 wherein the means for determining (109)
comprises means for encoding data values of the second parametric extension data.
- 25 6. A transcoder as claimed in claim 1 wherein the means for determining (109) is
operable to determine at least some of the second parametric data by interpolation between
parametric extension data values of the first parametric extension data.

7. A transcoder as claimed in claim 1 wherein the means for determining (109) comprises means for identifying transient data of the first parametric extension data and for generating the second parametric extension data in response to the transient data.
- 5 8. A transcoder as claimed in claim 7 wherein the means for determining (109) is operable to include at least one transient data parameter in the second parametric extension data.
9. A transcoder as claimed in claim 1 the means for determining (109) comprises
10 means for filtering the first parametric extension data prior to determining the second parametric extension data.
10. A transcoder as claimed in claim 1 wherein the input data and transcoded data have non-synchronous frame structures and the means for determining (109) the second
15 parametric extension data is operable to determine at least one data value associated with a frame of the transcoded data in response to a first data value of a first frame of the first parametric extension data and a second data value of a second frame of the first parametric extension data.
- 20 11. A transcoder as claimed in claim 10 wherein the means for determining (109) is operable to determine the at least one data value by interpolating between at least the first data value and the second data value.
12. A transcoder as claimed in claim 10 wherein the first data value comprises a
25 plurality of sub-values related to a first plurality of frequency sub-bands, the second data value comprises a plurality of sub-values related to a second plurality of frequency sub-bands and the means for determining (109) is operable to determine the at least one data value to comprise a plurality of sub-values related to a third plurality of frequency sub-bands.
- 30 13. A transcoder as claimed in claim 12 wherein the first, second and third plurality of sub-bands comprise the same number of frequency sub-bands.
14. A transcoder as claimed in claim 12 wherein the first plurality of sub-bands comprise more frequency sub-bands than the second plurality of sub-bands and the third

plurality of sub-bands comprise the same number of frequency sub-bands as the first plurality of sub-bands.

15. A transcoder as claimed in claim 1 wherein the second parametric extension data is Spectral Band Replication (SBR) parametric extension data.
16. A transcoder as claimed in claim 1 wherein the second parametric extension data is Parametric Stereo (PS) parametric extension data.
- 10 17. A transcoder as claimed in claim 1 wherein the encoded signal is an audio signal.
18. A method of transcoding comprising the steps of:
receiving input data representing an encoded signal and comprising first
15 parametric extension data;
determining second parametric extension data from the first parametric extension data; and
generating transcoded data including the second parametric extension data.
- 20 19. A computer program enabling the carrying out of a method according to claim 18.
20. A record carrier comprising a computer program as claimed in claim 19.